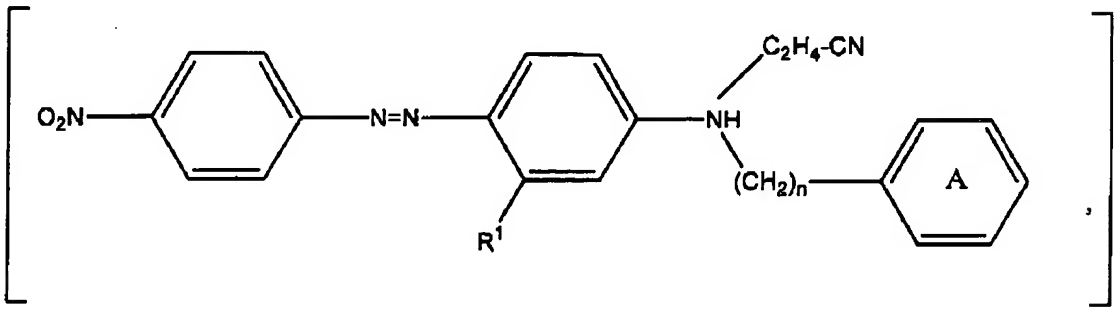
Application No. 10/613002
Reply to Office Action of April 20, 2006

Docket No.: 05579-00304-US

AMENDMENTS TO THE CLAIMS

1. (twice amended) A mixture comprising at least one compound of the formula (I)



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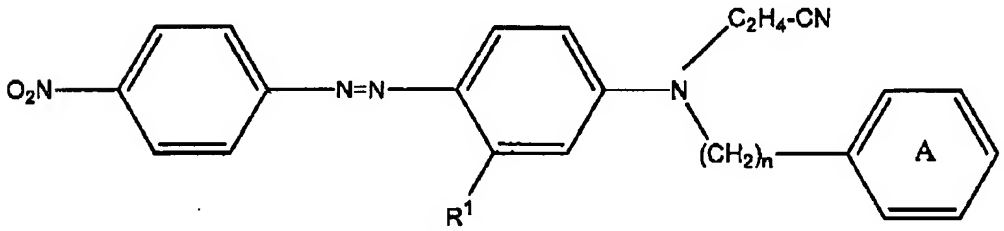

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where R^1 is hydrogen, C_1 -C_4 -alkyl, halogen, or C_1 -C_4 -alkoxy,

n is 1 or 2, and the

ring A is optionally substituted with C_1 -C_4 -alkyl or halogen,

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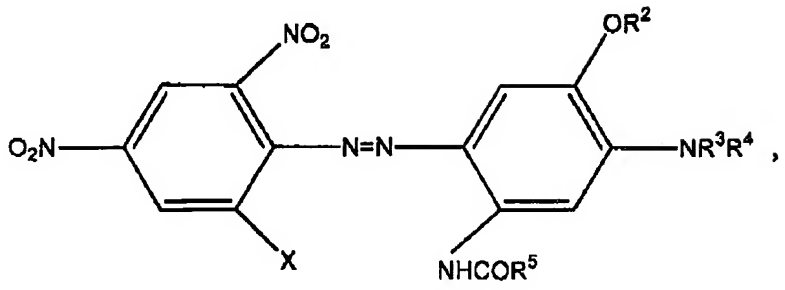
and at least one compound of the formula (II)



where X is halogen, or CN,

R^2 and R^5 are independently hydrogen or C_1 -C_4 -alkyl, and

R^3 and R^4 are independently hydrogen, optionally substituted C_1 -C_4 -alkyl or C_2 -C_4 – alkenyl, unsubstituted C_1 -C_4 –alkyl, NC- substituted C_1-C_4 alkyl, [H_6C_5- substituted C_1-C_4 alkyl,] H_5C_6- substituted C_1-C_4 alkyl,C_1-C_4 alkoxy substituted C_1-C_4 alkyl or ROOC-substituted C_1-C_4 alkyl, wherein R is hydrogen or C_1 -C_4 –alkyl.

2. The mixture of claim 1, comprising at least one compound of the formula (I) where the ring A does not bear any further substituents.

3. The mixture of claim 1, comprising at least one compound of the formula (I) where R^1 is hydrogen or C_1 -C_4 -alkyl.

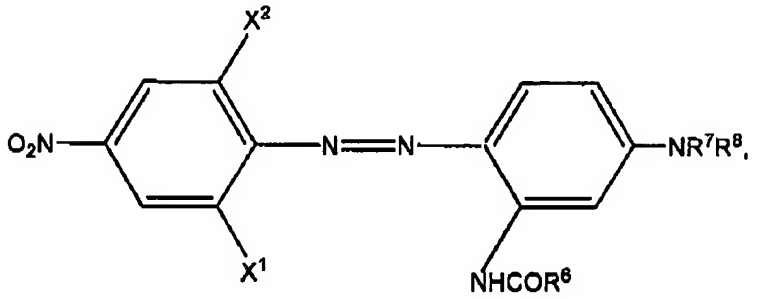
4. The mixture of claim 1, comprising at least one compound of the formula (I), where n is 1, R^1 is hydrogen or methyl and the ring A is not further substituted.

5. The mixture of claim 1, comprising compounds of the formula (II) where X is halogen.

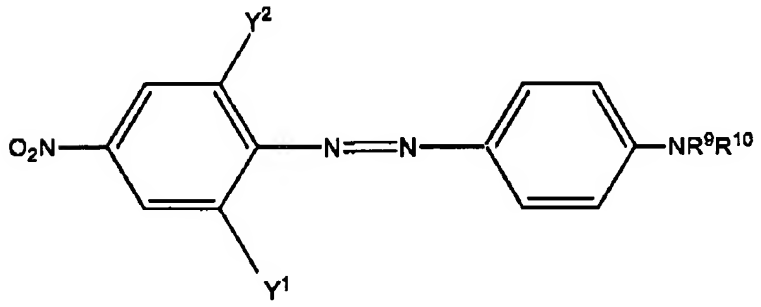
[6. The mixture of claim 1, comprising compounds of the formula (II) where R^3 and R^4 are independently hydrogen, C_2 -C_4 -alkenyl, unsubstituted C_1 -C_4 -alkyl or ROCO--, NC-- and/or ROOC-substituted C_1 -C_4 -alkyl, R being hydrogen or C_1 -C_4 -alkyl.]

7. The mixture of claim 1, comprising a compound of the formula (III), (IV) and/or (V)

(III)

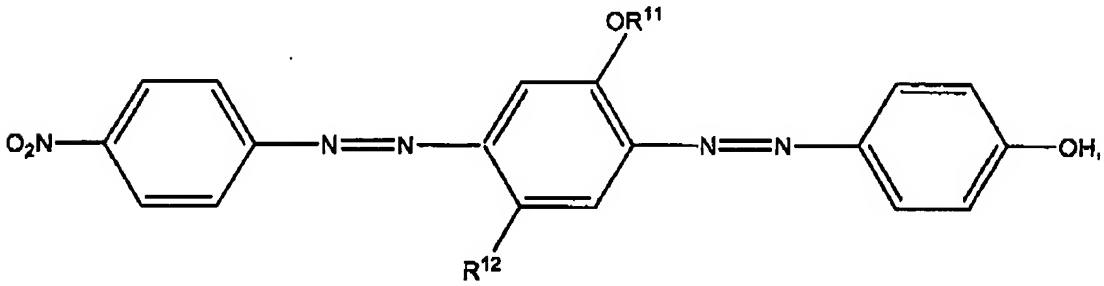


(IV)



and/or

(V)



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where X^1 is halogen or CN,

X^2 is halogen, hydrogen, NO_2 or CN,

R^6 is C_1 -C_4 -alkyl,

R^7 and R^8 are independently hydrogen, unsubstituted or HO--, NC--, ROCO--, H_5 C_6 OCO--, (C_1 -C_4 -alkyl)OOCO--, ROOC--, H_5 C_6 O--, H_5 C_6 -- and/or C_1 -C_4 -alkoxy-substituted C_1 -C_4 -alkyl and/or C_2 -C_4 -alkenyl, R being hydrogen or C_1 -C_4 -alkyl,

Y^1 and Y^2 are independently hydrogen or halogen,

R^9 and R^{10} are independently hydrogen, unsubstituted or HO--, NC--, ROCO--, H_5 C_6 OCO-- and/or C_1 -C_4 -alkoxy-substituted C_1 -C_4 -alkyl, R being as defined above, or C_2 -C_4 -alkenyl,

R^{11} is C_1 -C_4 -alkyl, and

R^{12} is hydrogen, C_1 -C_4 -alkyl or C_1 -C_4 -alkoxy.

8. The mixtures of claim 1, comprising 1 to 99% by weight, especially 1 to 80% by weight, of at least one compound of the formula (I) and 1 to 99% by weight, especially 20 to 99% by weight, of at least one compound of the formula (II), based on total amount of dye.

9. A dye preparation comprising

10 to 60% by weight of dye mixture according to claim 1, and

40 to 90% by weight of dispersant.

10. A process for producing the dye preparation of claim 8, in which the individual dyes of the dye mixture of claim 1 are ground in water in the presence of a dispersant, then mixed

and optionally dried or in which the dye mixture of claim 1 is ground in water in the presence of a dispersant and optionally dried.

11. A method for dyeing and printing hydrophobic synthetic materials or for mass coloration of hydrophobic synthetic materials in which the dye mixture of claim 1 is used.

12. The hydrophobic synthetic material dyed or printed with the dye mixture of claim 1.

13. The mixtures of claim 1, comprising 1 to 80% by weight of at least one compound of the formula (I) and 20 to 99% by weight of at least one compound of the formula (II), based on total amount of dye.

14. A process for producing the dye preparation of claim 1, in which the individual dyes of the dye mixture of claim 1 are ground in water in the presence of a dispersant, then mixed and optionally dried or in which the dye mixture of claim 1 is ground in water in the presence of a dispersant and optionally dried wherein the mixture comprises 1 to 99% by weight of at least one compound of the formula (I) and 1 to 99% by weight of at least one compound of the formula (II), based on total amount of dye.

15. A process for producing the dye preparation of claim 1, in which the individual dyes of the dye mixture of claim 1 are ground in water in the presence of a dispersant, then mixed and optionally dried or in which the dye mixture of claim 1 is ground in water in the presence of a dispersant and optionally dried wherein the mixture comprises 1 to 80% by weight of at least one compound of the formula (I) and 20 to 99% by weight of at least one compound of the formula (II), based on total amount of dye.